

20030504.qrp v02\_n910.qrl.20030504

Date: Sun, 4 May 2003 19:03:07 EDT  
From: qrp-l@Lehigh.EDU  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: QRP-L digest 2910

QRP-L Digest 2910

Topics covered in this issue include:

- 1) [149911] Re: [Re: HW-8... Some mods just make you chuckle ...]  
by Michael Goins <mgoins@usa.net>
- 2) [149912] Re: AT Sprint arrived!  
by Steven Weber <kd1jv@moose.ncia.net>
- 3) [149913] AH HAS A TECHNICAL QUESTION, SORTA  
by hamjoel@juno.com
- 4) [149914] [OT] FS: ADMS-1F  
by grizzarv@mindspring.com
- 5) [149915] Re: Small battery chargers  
by "Laurent C. Lafond" <aa1qj@earthlink.net>
- 6) [149916] Re: Sprint AT PCB pic  
by "Howard Kraus" <K2UD@adelphia.net>
- 7) [149917] Re: [Re: HW-8... Some mods just make you chuckle ...]  
by "Mike Yetsko" <myetsko@insydesw.com>
- 8) [149918] FS: Spring cleaning  
by "Bill Walker" <wv7g@arrl.net>
- 9) [149919] Re: [Re: HW-8... Some mods just make you chuckle ...]  
by Don <dwittlic@APCI.net>
- 10) [149920] BLT kit SOLD!!!!!!!!!!!!  
by "john gabbard" <johngabbard@usintouch.com>
- 11) [149921] Re: Butternut HF6V question  
by "Bill Jones" <kd7s@psnw.com>
- 12) [149922] Re: Small battery chargers  
by KD5NWA <KD5NWA@cbayona.com>
- 13) [149923] Re: Butternut HF6V question  
by "George, W5YR" <w5yr@att.net>
- 14) [149924] Slightly OT: Pico and Nano  
by "William Phinizy" <k6whp@verizon.net>
- 15) [149925] Re: Aircraft headsets  
by John Rollins <kd7bcy@teleport.com>
- 16) [149926] Re: Aircraft headsets  
by John Rollins <kd7bcy@teleport.com>
- 17) [149927] 'technical answer for 'joel  
by John R Kirby <n3aaz-qrp@juno.com>
- 18) [149928] Re: Aircraft headsets  
by Jim Eshleman <jce0@Lehigh.EDU>
- 19) [149929] Re: OT: Butternut HF6V question

- by Al Scanandoah <k2zn@rochester.rr.com>
- 20) [149930] Rock-Mites on 7030 question  
by Chuck Carpenter <w5usj@9plus.net>
- 21) [149931] Re: AH HAS A TECHNICAL QUESTION, SORTA  
by "Myrton" <n1gke@cox.net>
- 22) [149932] RM 20 to RM 20 QSO?  
by Fghester@aol.com
- 23) [149933] MA all QRPp  
by Larry Cahoon <lejek@erols.com>
- 24) [149934] Re: Aircraft headsets  
by Dave Fouchey <dafouchey@comcast.net>
- 25) [149935] WA1WCC ... CAPE COD WCC ....7058 !!!  
by "George Osier" <gosier@twcny.rr.com>
- 26) [149936] Re: Slightly OT: Pico and Nano (slow download)  
by "William Phinizy" <k6whp@verizon.net>
- 27) [149937] OT: Pico and Nano  
by "Mike Yetsko" <myetsko@insydesw.com>
- 28) [149938] Re: AH HAS A TECHNICAL QUESTION, SORTA  
by "Dave Martin" <k2zu@seanet.com>
- 29) [149939] Re: Butternut HF6V question  
by Tim Groat <tcgroat@earthlink.net>
- 30) [149940] Quirky HW-8 Mods  
by VE3JC John Cumming <jbcumming@wwdc.com>
- 31) [149941] Weller WCTPT vs WES50  
by David Beach <VE3STI@rac.ca>
- 32) [149942] Re: All HC908 now shipped GOT MINE!  
by "Nick Kennedy" <nkennedy@tcainternet.com>
- 33) [149943] SMK1 and BLT SOLD Tks  
by "john gabbard" <johngabbard@usintouch.com>
- 34) [149944] OT: HP Omnibook 800CT/166 total system for sale  
by "John A. Evans - N0HJ" <jaevans@codenet.net>
- 35) [149945] Re: [Re: HW-8... Some mods just make you chuckle ...]  
by Jerry Lofstead <w3cde@bellsouth.net>
- 36) [149946] For Sale (FS) - Yaesu FT-817 QRP multi-mode transceiver  
by Jim Larsen <JimLarsen2002@alaska.net>
- 37) [149947] Re: Weller WCTPT vs WES50  
by Bob Nielsen <nielsen@oz.net>
- 38) [149948] 20 Metre skeds 5/4/03?  
by "Doc K0EVZ" <dock0evz@earthlink.net>
- 39) [149949] Re: Quirky HW-8 Mods  
by Rick McKee <kc8aon@juno.com>
- 40) [149950] FS: Oak Hills QRP Classic  
by "Thomas Kuehl" <ac7a@earthlink.net>
- 41) [149951] Yet Another Panel Update  
by "John J. McDonough" <wb8rcr@arrl.net>
- 42) [149952] Re: WA1WCC ... CAPE COD WCC ....7058 !!!  
by "Myrton" <n1gke@cox.net>
- 43) [149953] Re: MA all QRPp

- by "Myrton" <n1gke@cox.net>
- 44) [149954] FS: Ten-Tec 1202 wattmeter, 1251 counterpoise units  
by "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
- 45) [149955] My Radio  
by "Karl F. Larsen" <k5di@zianet.com>
- 46) [149956] FS: Ham Radio Center HK-3M straight key  
by "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
- 47) [149957] Re: OT: HP Omnibook 800CT/166 total system for sale  
by "John A. Evans - N0HJ" <jaevans@codenet.net>
- 48) [149958] K0EVZ 20 Metres  
by "Doc K0EVZ" <dock0evz@earthlink.net>
- 49) [149959] FS: Keyers/keys/paddles  
by "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>

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Date: Sat, 03 May 2003 18:31:15 -0500  
From: Michael Goins <mgoins@usa.net>  
To: <listmember@comcast.net>,  
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [149911] Re: [Re: HW-8... Some mods just make you chuckle ...]  
Message-ID: <359HecXfP4832S18.1052004675@uwdvg018.cms.usa.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: quoted-printable

I suppose there exists no possibility that the owner of the HW-8 put the handles on simply because they liked the look on HIS radio or to maybe use them as carry handles? =

Isn't it about time we stop cutting someone unknown qrp'er down? We all have (or had) rigs that are (or were) a little quirky for whatever reason. Come on, guys. Enough.

72,  
mike  
wb5yjx  
100% Solar station: SW20+, SW30+, RM-40  
Mobile: FT-817 @ 1 watt, CW and SSB  
QRP-ARCI 3922 (former managing editor, QRP Quarterly), =

SOC 54, Flying Pig 447, QRP-L 2130, Adventure Radio 810,  
Alaska QRP 514, QCWA 30857

-----  
Date: Sat, 03 May 2003 18:58:37 -0400  
From: Steven Weber <kd1jv@moose.ncia.net>  
To: n0tu@codenet.net  
Cc: qrp-1@lehigh.edu  
Subject: [149912] Re: AT Sprint arrived!  
Message-ID: <3.0.6.32.20030503185837.007cb410@mailhost.ncia.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

>Mine too! Same slit in the end taped up.

Yeap, I sealed up 20 of them and then found we needed to open them all up and redo a couple of things (like add the beacon mode to the keyer message program - you can all thank AA1MY for making me do that :-)

Anyway, being too frugal to throw away the mailers and finding there was just enough glue on the end to reseal them, that's what I did!

Good luck guys, can't wait to hear how you make out with this kit!

72,  
Steve, KD1JV  
"Melt Solder"  
White Mountains of New Hampshire  
<http://www.qsl.net/kd1jv/>

-----  
Date: Sun, 4 May 2003 00:02:07 GMT  
From: hamjoel@juno.com  
To: fpqrp-1@mpna.com, qrp-1@Lehigh.EDU  
Subject: [149913] AH HAS A TECHNICAL QUESTION, SORTA  
Message-ID: <20030503.170208.569.179574@webmail06.lax.unttd.com>  
Content-Type: text/plain

SOMEONE SUGGESTED MY SIGNAL BOUNCED OVER THE SEA TO RUSSIA... WHICH OF COURSE GOT ME TO THINKING....

IFFIN MY SIGNAL HAS A KNOWN SPEED... SPEED OF LIGHT... AND THE SIGNAL IS SOMETHING THAT HAS MASS THEN IT MUST HAVE WEIGHT....

NOW IFFIN IT HAS WEIGHT AND THE SPEED OF LIGHT... IT GOTTA DO SOMETHING WHEN IT HITS SUMTHIN... S000000

DID MY SIGNAL CAUSE A SMALL WAVE, RIPPLE IN THE SEA WATER WHEN IT BOUNCED? DID IT MOVE WATER DROPLETS IN THE CLOUDS...

SOUNDS FUNNY, HOWEVER I FIND IT FACINATING... ANYONE KNEAUX?...  
KE1LA JOEL

KE1LA JOEL  
IN MAINE  
FREEZIN

-----  
The best thing to hit the internet in years - Juno SpeedBand!  
Surf the web up to FIVE TIMES FASTER!  
Only \$14.95/ month - visit [www.juno.com](http://www.juno.com) to sign up today!

-----  
Date: Sat, 3 May 2003 19:25:30 -0500 (CDT)  
From: grizzarv@mindspring.com  
To: qrp-1@lehigh.edu  
Subject: [149914] [OT] FS: ADMS-1F  
Message-ID: <200305040025.h440PUc06631@kg7yy.kg7yy.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I bought a copy of the ADMS-1F programming software for my Yaesu VX-150 2 meter HT, then found out the license terms preclude my using it to develop programming software for the VX-150. Since that's why I bought it, it's pretty much useless to me.

This is the diskettes and the cable and the instruction sheet. It's been opened but not installed. (License terms were inside the folded instruction sheet.) I paid forty bucks for it; I'll let it go for twenty. For that I'll even ship it.

de kg7yy

-----  
Date: Sat, 03 May 2003 17:18:11 -0700  
From: "Laurent C. Lafond" <aa1qj@earthlink.net>  
To: qrp-1@lehigh.edu  
Subject: [149915] Re: Small battery chargers  
Message-ID: <3EB45C43.2060304@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii; format=flowed

Content-Transfer-Encoding: 7bit

I have been waiting for the model # or other particulars and as yet been unable to find any more information than was originally written. It sounds like a good deal, but the Wal-Mart here doesn't know anything about them. Maybe it's the salesperson?

tk,  
Laurent

-----  
Date: Sat, 3 May 2003 20:29:18 -0400  
From: "Howard Kraus" <K2UD@adelphia.net>  
To: <n0tu@codenet.net>  
Cc: <qrp-1@Lehigh.EDU>  
Subject: [149916] Re: Sprint AT PCB pic  
Message-ID: <003d01c311d4\$335bd0a0\$53633018@buf.adelphia.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

Opened bags, inventoried.

Sneezed.

Cursed Marconi.

Called younger eyes into the room to hunt for SMT parts on the floor.

Started construction, 1st step is soldering U8. I'm still trying to find it with the magnifying glass.

Left whole affair on the kitchen table for a couple of days.

I really need to get one of these magnifying headsets, either that, or borrow the neighbour's (they're from VE3 land) microscope. I also need a fine point solder tip. I've done SMT work before, but nothing as close as U8! What is it, something like 8 leads/half inch?

Working with 1208 parts will seem like positioning patio blocks around. There are a couple of 1/4 watt through-hole resistors in this build. I'll have to carry them into the room over my shoulder.

When I'm done building this one, I think I might STAY at the Psych Center whose elevators I work on.

72 all

Howard Kraus, K2UD

----- Original Message -----

From: "Steve/n0tu" <n0tu@codenet.net>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Saturday, May 03, 2003 6:37 PM

Subject: Sprint AT PCB pic

> Steve did an excellent job on this ultra light weight rig.  
> Here's the PCB which fits into a std Altoids tin!  
> <http://users.codenet.net/n0tu/images/QRP/ATsprintPCB.jpg>  
> Darn it stinks getting old  
> ..."Now, where's did I use the magnifier headset last???"  
> Steve/n0tu  
>  
>

-----  
Date: Sat, 3 May 2003 20:29:22 -0400

From: "Mike Yetsko" <myetsko@insydesw.com>

To: <mgoins@usa.net>,

"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>

Subject: [149917] Re: [Re: HW-8... Some mods just make you chuckle ...]

Message-ID: <001201c311d4\$38dc3380\$0200a8c0@charter.net>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

> I suppose there exists no possibility that the owner of the HW-8 put the  
> handles on simply because they liked the look on HIS radio or to maybe  
use  
> them as carry handles?  
>  
> Isn't it about time we stop cutting someone unknown qrp'er down? We all  
have  
> (or had) rigs that are (or were) a little quirky for whatever reason.  
Come on,  
> guys. Enough.

Actually, I thought the handles were pretty neat looking! After seeing some of the trash that passes for 'customization' to different rigs, the handles were a refreshing and pleasant (at least to me) surprise.

Mike

-----  
Date: Sat, 3 May 2003 18:22:23 -0700  
From: "Bill Walker" <wv7g@arrl.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [149918] FS: Spring cleaning  
Message-ID: <000701c311db\$9e72a790\$1229bf3f@pluto>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I'm shack cleaning and have the following rigs for sale. All radios are in excellent shape, I just need the room and these are more than I need.

(1) Yaesu FT-817 - \$350.00

This radio is 2 years old but in great shape. I give it a 9.5 out of 10 due to normal wear. I have had small adhesive rubber feet on the bottom since it was new and have made no modifications. There is no CW filter but I am including the CAT cable used for connecting the radio to a computer for computer control.

(2) Elecraft K1 - \$300.00

I built this radio last summer and it has seen very little action. It is a basic radio with a two band (40/20) module. The cosmetic condition is a 10 out of 10. I have built many electronic kits and home brew projects over the past 30 years including commercial engineering work.

(3) Yaesu FT-840 - \$350.00

Purchased less than a year ago this radio is in excellent cosmetic and electronic condition. It is a stock unit with no options added. This radio rates a good 10 out of 10.

(4) Radio Shack HTX-10 - \$50

I bought this radio about 3 weeks ago as they were being closed out. It is in excellent condition, I just don't need it.

Power cables for all the above radios are terminated with Anderson Powerpole connectors of the type used by the RigRunner power distribution panels.

Please figure on adding \$10.00 for shipping and insurance. If it comes to



more than this I will cover the additional cost past the first \$10.00.

Bill Walker - WV7G

-----  
Date: Sat, 03 May 2003 21:37:12 -0500  
From: Don <dwittlic@APCI.net>  
To: mgoins@usa.net  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [149919] Re: [Re: HW-8... Some mods just make you chuckle ...]  
Message-ID: <3EB47CD8.A4E6B263@APCI.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Michael Goins wrote:

>  
> I suppose there exists no possibility that the owner of the HW-8 put the  
> handles on simply because they liked the look on HIS radio or to maybe use  
> them as carry handles? .....  
>  
  
> 72,  
> mike  
> wb5yjx

Very True, Mike,  
I always hesitate to criticize the builder who makes an  
unusual revision. The sight of such a modification may  
offend our sense of preserving a classic radio, but  
customization of mass produced goods to suit the individual  
owner is a fact of life.

As to what the owner had in mind:  
"Handles" are for more than handling.  
Such handles can provide panel protection for equipment. If  
properly sized for the function, they help prevent impact on  
the front panel knobs. With the right guards a radio can be  
stowed in an appropriate box without need for adding padding  
material. Panel front handles allow you to easily set the  
project face down on the bench for servicing.

Damage from a face down fall to the floor can be minimized  
by appropriate guards. For QRP radios that can be slid off  
the table by an accidental pull on the headphone cord,

maybe such protection is a good idea.

To accomplish some protection, it is not necessary to go the extent used on a AN/GRC-9 radio set, see link below, but seeing one is educational.

[http://lea.hamradio.si/~s52pc/an\\_grc9.htm](http://lea.hamradio.si/~s52pc/an_grc9.htm)

Now having described why those handles are practical on small gear, I have to agree that the military boatanchor appearance treatment given to a tiny QRP radio as suggested in other posts would be attractive and novel. Don't forget to paint on a tiny orange triangle to indicate MFP.

72,

Don WN9V

-----  
Date: Sat, 3 May 2003 19:40:59 -0700  
From: "john gabbard" <johngabbard@usintouch.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [149920] BLT kit SOLD!!!!!!!!!!!!  
Message-ID: <004801c311e6\$99312170\$27811c0c@john>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I still have an SMK1 and a BLT that are built and i will sell those for \$45.  
shipped USA Thanks John KF7OM

-----  
Date: Sat, 3 May 2003 19:49:22 -0700  
From: "Bill Jones" <kd7s@psnw.com>  
To: <k2zn@rochester.rr.com>,  
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [149921] Re: Butternut HF6V question  
Message-ID: <000501c311e7\$e31249d0\$5a41f842@RadioRoom>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Mine measures 11' 4"

=====  
Bill Jones KD7S <><  
<http://www.psnw.com/~kd7s>  
Sanger, California  
=====

----- Original Message -----

From: "Al Scanandoah" <k2zn@rochester.rr.com>  
Does anyone know how long the 20m RG-11 matching section is  
> supposed to be?

-----  
Date: Sat, 03 May 2003 22:54:36 -0500  
From: KD5NWA <KD5NWA@cbayona.com>  
To: aa1qj@earthlink.net,  
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [149922] Re: Small battery chargers  
Message-ID: <5.2.0.9.0.20030503223635.00a73228@127.0.0.1>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

The information was posted some time back, but here it is again. The information listed below are some of the things printed on the box and a description of the box.

EverStart Battery Companion  
1.5 Amp Trickle charge  
Battery Charger/Maintainer with float mode Monitoring  
Fully Automatic Operation for 6 and 12 Volt Batteries  
Model # WM-1562A

It cost approximately \$16.80 at our area Wal-Marts.

The Box has a picture of a guy in a motorcycle #115 up in the air, and a picture of the battery charger.

Also be aware that it has a maximum capacity of 1.5 amps, so if you connect it to a large car battery, it is going to take it a while before it charges the battery.

I found a bigger charger at another store that has 10 amp capacity for \$30.00, but I have not had time to check it out and make sure it is fully automatic and won't overcharge a battery.

At 07:18 PM 5/3/2003, Laurent C. Lafond wrote:

>I have been waiting for the model # or other particulars and as yet been  
>unable to find any more

>information than was originally written It sounds like a good deal, but  
>the Wal-Mart here doesn't  
>know anything about them.  
>Maybe it's the salesperson?  
>  
>tk,  
>Laurent  
>

Cecil  
KD5NWA

-----  
Date: Sat, 3 May 2003 23:13:22 -0500  
From: "George, W5YR" <w5yr@att.net>  
To: "Bill Jones" <kd7s@psnw.com>,  
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [149923] Re: Butternut HF6V question  
Message-ID: <018001c311f3\$80f48720\$0401a8c0@PS>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

It is an electrical quarter-wavelength on 20 meters. The 75-ohm coax is cut to length taking into account the Vp for whatever type of coax dielectric you use. I think that RG-11 is solid so 0.66 sounds about right. The length actually isn't terribly critical - the matching section is there only to improve the match on 20 meters - it doesn't show a big effect on my HF-9V. Kinda like the big coil to ground which improves the 80-meter match a little but is non-critical.

73/72, George  
Amateur Radio W5YR - the Yellow Rose of Texas  
Fairview, TX 30 mi NE of Dallas in Collin county EM13QE  
"In the 57th year and it just keeps getting better!"  
<mailto:w5yr@att.net>

----- Original Message -----  
From: "Bill Jones" <kd7s@psnw.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Saturday, May 03, 2003 9:49 PM

Subject: Re: Butternut HF6V question

> Mine measures 11' 4"  
> =====  
> Bill Jones KD7S <><  
> <http://www.psnw.com/~kd7s>  
> Sanger, California  
> =====  
> ----- Original Message -----  
> From: "Al Scanandoah" <k2zn@rochester.rr.com>  
> Does anyone know how long the 20m RG-11 matching section is  
> > supposed to be?

-----  
Date: Sat, 3 May 2003 23:56:45 -0700  
From: "William Phinizy" <k6whp@verizon.net>  
To: "QRP-L" <qrp-l@Lehigh.EDU>  
Subject: [149924] Slightly OT: Pico and Nano  
Message-ID: <000501c3120a\$552de570\$9c60e043@sydelpgnr79gmd>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

I have been following the thread on the pico and nano (and other) prefixes and wanted to offer the group something.

I had always been confused by the prefixes and their associations with powers of ten, etc. But I suppose that this is understandable inasmuch as I have a BS in Business Administration and work in computers -- my math abilities range from interest rates to stuff in terms of powers of two. You can imagine how O-scopes puzzled me (visualize the opening scenes of 2001 where the apes first encounter the monolith). Factor in the 2-5-10, sweep rate, and micro, nano, pico, etc. and I had a tough time straightening out what I saw on the CRT. But, enough of the gratuitous humor..

..to better understand what I was seeing on a scope, I composed an Excel spreadsheet that stated the different settings in basic units (cycles or Hertz, nanoseconds) and provided a means of converting them back and forth. It's commented and seemed to help me get a grasp on what was going on. I want to pass it along to anyone who would like a copy. It is absolutely free except for the fact that you

have to let me "advertise" to you..

..well, not really. I just stuck it up on my company's website as a convenient way of allowing the group to download it. What follows is the URL and the instructions on how to ferret out the spreadsheet:

- (1) Go to the website: <http://www.sydelresearch.com>
- (2) Click on "Products" on the side menu.
- (3) Scroll down to the bottom of the page and look for the links "LPQSCalc" (a toroid calculator I did a while ago) and "Oscilloscope Work Sheet" in the footer.
- (4) Clicking on either link will download the appropriate file.

As I said, I just stuck the links and files there for convenience. Don't tell my associates at Sydel and if anyone has difficulty with downloading either, drop me an e-mail and I will send it/them to you.

Enjoy..

Bill, k6whp

-----  
Date: Sun, 4 May 2003 01:51:37 -0700  
From: John Rollins <kd7bcy@teleport.com>  
To: QRP-L <qrp-l@lehigh.edu>  
Subject: [149925] Re: Aircraft headsets  
Message-ID: <a05200f00bad6860014af@[63.191.200.152]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii" ; format="flowed"

Resending, looks like it never came through...

---  
>I don't claim to be a Latin scholar, but, a rough translation as I  
>understand it is the often heard "Keep it simple, stupid". If there is a  
>real Latin scholar that will offer a more elegant phrase, I'd be very  
>interested.

Neither am I, but you can do almost anything on the internet :-)  
The online dictionary didn't like it much, but "sit simplex stultus"  
comes out roughly "be simple, stupid". Close enough. I used

http://lysy2.archives.nd.edu/cgi-bin/words.exe. The other ones I found didn't like stultus and none of them recognized stiltus.

Is the server just REALLY slow at sending messages? Seems like they take forever to show up.

--

```
/-----\
| http://jrollins.tripod.com/           |
| KD7BCY      kd7bcy@teleport.com      |
\-----/
```

-----

Date: Sun, 4 May 2003 01:51:08 -0700  
From: John Rollins <kd7bcy@teleport.com>  
To: QRP-L <qrp-l@lehigh.edu>  
Subject: [149926] Re: Aircraft headsets  
Message-ID: <a05200f01bad620503f51@[63.191.201.6]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="iso-8859-1" ; format="flowed"  
Content-Transfer-Encoding: quoted-printable

Resending, it didn't seem to come through.

---

Thanks for all the info. I have an adaptor set up and working right now, using the simplest circuit available from the web site that Juan mentioned. I used half of a short ethernet Cat5 cable to go to the radio along with a speaker cable for audio out(roughly 2.5-3 feet long), going to a little blue box with the phone jacks and a combination of a momentary push button and a toggle switch for the PTT(the toggle switch is for when I get long-winded and don't want to hold down the other switch). I have pictures up on my Teleport web site for those that are interested. The circuit contains a 220ohm resistor and a 10uF cap.

Here's a rough ASCII drawing:

```
-----
to mic                                     to FT-817 mic input
-----+---+| (-----
          |      10uF
        220=87
          |
          +----- +5v from FT-817

          +----- FT-817 PTT
          /  push button
          |
```

```

/      toggle
|
+----- FT-817 ground

```

On the air reports from the local 2m repeaters were good, I had the =46M mic gain turned down to 5. Seems to work fine turned up, too, though... Guess I'd have to hook up to some test equipment to figure out what it's actually doing, or maybe this one isn't as hot as some other mic elements I've read about.

Web site address is <http://home.teleport.com/~kd7bcy>, the Tripod account below needs some work...

--

```

/-----\
| http://jrollins.tripod.com/ |
| KD7BCY      kd7bcy@teleport.com |
\-----/

```

-----  
Date: Sun, 4 May 2003 07:12:51 -0400  
From: John R Kirby <n3aaz-qrp@juno.com>  
To: qrp-1@Lehigh.EDU  
Subject: [149927] 'technical answer for 'joel  
Message-ID: <20030504.071340.-310679.0.n3aaz-qrp@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

From: hamjoel@juno.com  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Date: Sun, 4 May 2003 00:02:07 GMT  
Subject: AH HAS A TECHNICAL QUESTION, SORTA

SOMEONE SUGGESTED MY SIGNAL BOUNCED OVER THE SEA TO RUSSIA... WHICH OF COURSE GOT ME TO THINKING....

IFFIN MY SIGNAL HAS A KNOWN SPEED... SPEED OF LIGHT... AND THE SIGNAL IS SOMETHING THAT HAS MASS THEN IT MUST HAVE WEIGHT....

NOW IFFIN IT HAS WEIGHT AND THE SPEED OF LIGHT... IT GOTTA DO SOMETHING WHEN IT HITS SUMTHIN... SOOOOOO

DID MY SIGNAL CAUSE A SMALL WAVE, RIPPLE IN THE SEA WATER WHEN IT BOUNCED? DID IT MOVE WATER DROPLETS IN THE CLOUDS...

SOUNDS FUNNY, HOWEVER I FIND IT FACINATING... ANYONE KNEAUX?... KE1LA JOEL

Yes, and 'prepetural 'motin allmost too . . .

How does that work? 'well i tell alluall . . .



Ever see a still pond or lake when no wind a'blowin?

Ever skip a stone 'offin that pond water?

Ever watch the ripples?

How long do the ripples last?

Forever allmost, goinallwaytoshore and backagain severaltimes.

Therefore, based on the Dark Sucker theory . . .

dark has weight and mass and

dark is heavier than light and

since radio waves are referenced to light i conclude

Joel's radio signal caused a ripple when it struck the water and

then again when the water droplets dropped onto the water.

John

N3AAZ

00TC

FM 19 xa

---

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---

Date: Sun, 04 May 2003 09:03:24 -0400

From: Jim Eshleman <jce0@Lehigh.EDU>

To: kd7bcy@teleport.com

Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [149928] Re: Aircraft headsets

Message-ID: <3EB50F9C.5040403@Lehigh.EDU>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii; format=flowed

Content-Transfer-Encoding: 7bit

> Is the server just REALLY slow at sending messages? Seems like they take  
> forever to show up.

John,

The list is moderated, so posts are queued while I'm off doing  
non-moderator type things.

73

Jim N3VXI

-----  
Date: Sun, 04 May 2003 09:19:38 -0400  
From: Al Scanandoah <k2zn@rochester.rr.com>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [149929] Re: OT: Butternut HF6V question  
Message-ID: <3EB5136A.D208BDD1@rochester.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Thanks to all who responded. I've got the info.

72, Al

-----  
Date: Sun, 04 May 2003 08:25:26 -0500  
From: Chuck Carpenter <w5usj@9plus.net>  
To: qrp-l@lehigh.edu, rock-mite\_group@yahoogroups.com  
Subject: [149930] Rock-Mites on 7030 question  
Message-ID: <3.0.2.32.20030504082526.006c00e0@mail.9plus.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

R-Mers,

For those who are using R-M/40s with 7030 crystals (as marked):

Are they being used at the frequency produced by the crystal? The 7030 crystals I have are oscillating at about 7028. Or is the frequency being adjusted to be at 7030? An 8--50 pF cap yields about 7029 to 7032 with the batch of parts in my mostly stock R-M/40..

Comments greatly appreciated

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1  
QRP-ARCI #5422, QRP-L #1306, QRPp-I #115, ARS #1280, SOC #57  
Zombie #759, COG #11, 6- Club #201, NETXQRP <http://www.netxqrp.org>

Date: Sun, 4 May 2003 09:32:01 -0400  
From: "Myrton" <n1gke@cox.net>  
To: <qrp-1@Lehigh.EDU>  
Subject: [149931] Re: AH HAS A TECHNICAL QUESTION, SORTA  
Message-ID: <NHBBLBAKGLHON00LPAJBAEKDCAAA.n1gke@cox.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 8bit

Not such a silly question really.

I have been able to work many stations, U.S. and foreign who are using as little as 100 and 50 milliwatts.

I am amazed by two things.

1. The ability of the QRPp signal to not only reach my receiver, but
2. The ability of my modern day receiver to be able to detect this signal with any readability.

But now is where I run into a problem as this is going to us off topic.

Suffice it to say, due to physics you did create a disturbance not only in the atmosphere, but in the ocean as well, no pun intended.

Ok, take a look see at some of the pages related to the following link and report back to the group with your findings on the seventh thursday of November, 2004.

<http://hyperphysics.phy-astr.gsu.edu/hbase/hframe.html>

Good luck and happy hunting.

Myrton - N1GKE -  
n1gke@cox.net

"Find solutions, not fault."

p.s. If that link fails, simply go to google.com and enter hyperphysics.

Cheers & beers !

-----

Date: Sun, 4 May 2003 10:55:45 EDT  
From: Fghester@aol.com  
To: qrp-1@lehigh.edu  
Subject: [149932] RM 20 to RM 20 QSO?  
Message-ID: <1a1.144e1483.2be683f1@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Just finished my RM 20 yesterday and it works! looking for RM 20 to RM 20 QSO tonight. Will be calling CQ RM at 7:30PM CDT from Central Illinois. / WD9F / Woody

-----  
Date: Sun, 04 May 2003 14:56:58 +0000  
From: Larry Cahoon <lejek@erols.com>  
To: qrp-1@lehigh.edu  
Subject: [149933] MA all QRPP  
Message-ID: <5.1.0.14.0.20030504144400.00b88f20@pop.erols.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

This morning I picked up the final county in MA from K1EP in the New England QSO Party to finish of the state all QRPP. Average power to work a MA county came in at 300 mWatts. Of all counties in the state that last one was Suffolk County - Boston for those who don't know. Just show the rare ones are the ones you need.

Now only 24 to go QRP and 519 to go QRPP...

73 de Larry.....WD3P in MD  
<http://www.wd3p.net/>

-----  
Date: Sun, 04 May 2003 11:37:19 -0400  
From: Dave Fouchey <dafouchey@comcast.net>  
To: jce0@Lehigh.EDU,  
Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [149934] Re: Aircraft headsets  
Message-ID: <5.2.1.1.2.20030504113642.00a27070@localhost>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii; format=flowed  
Content-transfer-encoding: 7BIT

At 09:03 AM 5/4/03 -0400, Jim Eshleman wrote:

>>Is the server just REALLY slow at sending messages? Seems like they take  
>>forever to show up.

>

>John,

>

> The list is moderated, so posts are queued while I'm off doing  
> non-moderator type things.

>

>73

>Jim N3VXI

>

>

A Job we are VERY grateful you are doing Jim.

Dave

WA4EMR

-----  
Date: Sun, 4 May 2003 11:43:00 -0400

From: "George Osier" <gosier@twcnny.rr.com>

To: <qrp-1@lehigh.edu>

Subject: [149935] WA1WCC ... CAPE COD WCC ....7058 !!!

Message-ID: <001501c31253\$d7ec9ee0\$aa634342@twcnny.rr.com>

MIME-Version: 1.0

Content-Type: text/plain;  
charset="Windows-1252"

Content-Transfer-Encoding: 7bit

Hello All !!!!

Worked Bob , WA1WCC at Cape Cod station WCC with 700 mw on 7058 khz  
..... COOL !!!!!!!

15 Q's in the NEQP so far .....

71s

George Osier , N2JNZ / QRPp

-----  
Date: Sun, 4 May 2003 08:43:05 -0700

From: "William Phinizy" <k6whp@verizon.net>

To: "QRP-L" <qrp-l@Lehigh.EDU>  
Subject: [149936] Re: Slightly OT: Pico and Nano (slow download)  
Message-ID: <004101c31253\$dbf507c0\$1461e043@sydelpgnr79gmd>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

If anyone has difficulty downloading either of those files  
(see "Slightly OT: Pico and Nano" above), send me an e-mail  
and I will send them to you. I noticed that our server is a  
little slow today..

72,

Bill, k6whp

-----  
Date: Sun, 4 May 2003 12:04:44 -0400  
From: "Mike Yetsko" <myetsko@insydesw.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [149937] OT: Pico and Nano  
Message-ID: <027c01c31256\$e22d1a80\$0200a8c0@charter.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

OK, this MAY be an answer...

According to an article written by Asimov in November of 1962 called  
"Pre-Fixing it Up", the original French metric definitions only covered  
6 orders of magnitude. They went from the meter 'down' to 10E-3  
and 'up' to 10E+3, using Greek for the up prefixes and Latin for the  
down prefixes.

English	Greek	Latin
Thousand	chilioi	mille
hundred	hecaton	centum
ten	deka	decem

which then became (in meters)

- kilometer
- hectometer
- dekameter
- meter

decimeter  
centimeter  
millimeter

'ch' is a 'hard' sound, and became 'k'.

Other prefixes came later.

It wasn't until 1958 that the International Committee on Weights and Measures agreed upon a formalized list as follows:

trillion	tera-	10E12
billion	giga-	10E9
million	mega-	10E6
thousand	kilo-	10E3
one		10E0
thousandth	milli-	10E-3
millionth	micro-	10E-6
billionth	nano-	10E-9
trillionth	pico-	10E-12

femto- 10E-15 and atto- 10E-18 were added in 1962.

(The 'trillion' referenced here is JUST for US reference, as 'trillion' means a different value in the UK.)

I do not know if more have been added since, as the article was written in 1962, but I wouldn't be surprised.

Mike

-----  
Date: Sun, 4 May 2003 09:29:10 -0700  
From: "Dave Martin" <k2zu@seanet.com>  
To: "qrp-1" <qrp-1@Lehigh.EDU>  
Subject: [149938] Re: AH HAS A TECHNICAL QUESTION, SORTA  
Message-ID: <000301c3125a\$4be41020\$2d8c2640@davemartin>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi Joel. Just want to warn you about running too much power. What with all that weight and mass you might cause a Tsunami and that could wipe out all of the eastern side of Asia. Be carefull and good luck with your reflections.

Dave K2ZU

-----  
Date: Sun, 04 May 2003 10:24:53 -0600  
From: Tim Groat <tcgroat@earthlink.net>  
To: qrp-l@lehigh.edu  
Subject: [149939] Re: Butternut HF6V question  
Message-ID: <5.1.1.6.2.20030504101017.00a1bae0@mail.earthlink.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

The last sentence in the "Theory of Operation" section for my 1984-vintage HF-6V says the line is a 1/4 wave on 20M. Since the velocity factor of RG-11 is 0.67, the physical length of the line is 1/6 wavelength. It doesn't seem to be really critical, as mine has been repaired (i.e., shortened) several times, and it still works.

If you ask me, antenna questions aren't OT for this list (as long you don't try to melt them with high RF current, of course!).

72,

--Tim (KR0U)

>Al Scanandoah <k2zn@rochester.rr.com>:

>

>I'm in the process of resurrecting my old vertical for use as a  
>back-up. Does anyone know how long the 20m RG-11 matching section is  
>supposed to be? None of the documentation I have states the length.

-----  
Date: Sun, 04 May 2003 13:22:22 -0400  
From: VE3JC John Cumming <jbcumming@wwdc.com>  
To: mgoins@usa.net  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [149940] Quirky HW-8 Mods  
Message-ID: <3EB54C4E.2090303@wwdc.com>



MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii; format=flowed  
Content-Transfer-Encoding: 7bit

I'm disappointed in myself for appearing to belittle some creativity in modifying classic QRP rigs. Certainly was not intended.

We all know "Okham's Razor", often quoted by G-QRP to describe the purpose of our hobby:

"It is vain to do with MORE what can be done with LESS"

Well another phrasing of Ockham's Razor is

"Entities should not be multiplied unnecessarily"

This version has been interpreted as meaning that, whenever we have TWO competing theories to describe the same phenomenon, we should focus on the simplest one.

And a rule which has derived from this is "Hanlon's Razor" which applies to my choice of words in bringing attention to some clever handles expertly mounted on an HW-8

"Never attribute to malice that which can be adequately explained by stupidity"

72, JC

-----  
Date: Sun, 04 May 2003 13:25:21 -0400  
From: David Beach <VE3STI@rac.ca>  
To: qrp-l <qrp-l@lehigh.edu>  
Subject: [149941] Weller WCTPT vs WES50  
Message-ID: <BADAC540.4277%VE3STI@rac.ca>  
Mime-version: 1.0  
Content-type: text/plain; charset="US-ASCII"  
Content-transfer-encoding: 7bit

I have decided to give myself a treat and spring for a better soldering station. The old workhorse Cooper/Weller WTCPT has been around forever and

was my first choice until... I just looked at their line of stations and there is a model WES50 - a station that looks just about the same in size, etc., as the WTCPT but has a knob to adjust temperature (apparently TRUE temp control, not just adjusting the heater wattage like by current soldering iron) for almost the same price. (I would skip the digital display version of this model.)

Anybody have an opinion on this newer model? Does anybody out there actually \*change\* the temperature very often anyway? Does more features/same money turn out to be equal to 'less reliable'?

Thanks for your thoughts.

David  
VE3STI

-----  
Date: Sun, 4 May 2003 12:49:08 -0700  
From: "Nick Kennedy" <nkennedy@tcainternet.com>  
To: <n2apb@erols.com>,  
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [149942] Re: All HC908 now shipped GOT MINE!  
Message-ID: <00d101c31276\$3a6d2c20\$0400000a@wa5bdu>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Got my HC908 Daughtercard. I just want to say, great job George, and thanks. Beautifully built and documented.

Don't know how many times I've seen fantastic chips with pin spacing measured in angstroms and wished someone would put them on a proto board for hobbyists with real eyes and hands to use. Now someone has.

I've even gotten motivated enough to actually do the last 5% (packaging) of a couple projects so I can make room for new stuff like the AD9850 DDS and the HC908.

I know it was a lot of work. Hopefully you'll be rewarded by success stories as they start pouring in.

72--Nick, WA5BDU  
in Arkansas

----- Original Message -----

From: "George Heron N2APB" <n2apb@erols.com>

> This weekend marked the third and final batch of shipments of HC908  
> Daughtercards being made ... and they're now ALL SHIPPED!  
>  
> Loads of terrific new material has been added to the HC908 Resource page  
> (<http://www.njqrp.org/hc908/resource.html>),

-----  
Date: Sun, 4 May 2003 11:08:40 -0700  
From: "john gabbard" <johngabbard@usintouch.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [149943] SMK1 and BLT SOLD Tks  
Message-ID: <003501c31268\$319ae780\$3a811c0c@john>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

-----  
Date: Sun, 04 May 2003 12:20:50 -0600  
From: "John A. Evans - N0HJ" <jaevans@codenet.net>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [149944] OT: HP Omnibook 800CT/166 total system for sale  
Message-ID: <3EB55A02.61D7F6D3@codenet.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Greetings,

I wanted to list this sub-notebook and accessories here first since I've always considered QRP-L my first home. It would make a wonderful setup for ham use, but if I get no takers here, it will be off to the omnibook list and/or ebay.

HP Omnibook 800ct/166 Pentium with max memory (80mb if I recall correctly)  
2 gb hard drive standard  
Docking station with dual USB port card installed (requires win98SE for USB support)  
F1140A power ac adapter

Spare battery pack  
F1059C external floppy drive with cable  
Win95 license and product recovery CD  
800ct support utility floppy  
F1197A external 8x cdrom drive with scsi cable, pwr adapter  
3com/MHz lan+modem card model 3CCEM556B with dongles/cables  
spare questionable keyboard for parts  
spare ac adapter  
memory from ram upgrade  
spare popout mouse  
pc slot trays  
spare scsi cables  
manuals, docs, etc.

\$250, money order or paypal to United States, shipping/insurance included  
mail me offlist with questions, offers, etc.

tnx es 72 - john - n0hj

-----  
Date: Sun, 04 May 2003 15:26:23 -0400  
From: Jerry Lofstead <w3cde@bellsouth.net>  
To: dwittlic@APCI.net  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [149945] Re: [Re: HW-8... Some mods just make you chuckle ...]  
Message-ID: <3EB5695F.F30E929B@bellsouth.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Wow is that a great condition radio, either new or well cared  
for. I haven't seen an "angry 9" since the 60's. Real nice  
QRP rig also.

Jerry  
W3CDE

Don wrote:  
SNIP

> To accomplish some protection, it is not necessary to go  
> the extent used on a AN/GRC-9 radio set, see link below, but

> seeing one is educational.

> [http://lea.hamradio.si/~s52pc/an\\_grc9.htm](http://lea.hamradio.si/~s52pc/an_grc9.htm)

>

> Now having described why those handles are practical on  
> small gear, I have to agree that the military boatanchor  
> appearance treatment given to a tiny QRP radio as suggested  
> in other posts would be attractive and novel. Don't forget  
> to paint on a tiny orange triangle to indicate MFP.

>

> 72,

> Don        WN9V

-----

Date: Sun, 04 May 2003 12:12:28 -0800

From: Jim Larsen <JimLarsen2002@alaska.net>

To: "qrp-l@lehigh.edu" <qrp-l@lehigh.edu>, NJQRP-L <njqrp@njqrp.org>,  
Northern Georgia QRP <nogaqrp@qth.net>

Cc: Frank Ilardi - AL7LV <ilardi@hotmail.com>

Subject: [149946] For Sale (FS) - Yaesu FT-817 QRP multi-mode transceiver

Message-ID: <3EB5742C.1040303@alaska.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii; format=flowed

Content-Transfer-Encoding: 7bit

For Sale (FS) - Yaesu FT-817 QRP multi-mode transceiver

This is a nearly unused FT-817 with a Radio Shack Power supply (\$50 new).  
Standard options only. Buyer pays shipping and insurance via US Postal Service.

Asking \$525 for the complete set (rig and power supply).

Contact Frank Ilardi - AL7LV

mailto:ilardi@hotmail.com

home - 907-336-0362

Frank Ilardi

Box 240606

Anchorage, Alaska 99524

Frank is the local Anchorage QRPer in the the story I told about helping a  
local ham with his Elecraft K1. He is very new to QRP and he says the K1 for  
occasional QRP works for him and otherwise, as a fairly new ham, he does enjoy  
his 100 watt rig. Here in Alaska propagation has been so rotten since Frank  
got into QRP I am not surprised he has moved up to a 100 watt rig for now.

Remember, reply to Frank...not to me.

73, Jim

--

Jim Larsen, AL7FS  
Anchorage, Alaska  
<http://www.qsl.net/al7fs>

-----  
Date: Sun, 4 May 2003 13:22:02 -0700  
From: Bob Nielsen <nielsen@oz.net>  
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [149947] Re: Weller WTCPT vs WES50  
Message-ID: <20030504202202.GA19531@n7xy.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Disposition: inline

I struggled over the same dilemma a while back, but I found that Active Electronics (a few months before they went out of business locally) had the WES50 on sale (about \$25 than the WTCPT), so I bought the new model. I have been using it (at the 700F setting) to build my K2, and am quite pleased with it, although I probably would have been equally happy with the WTCPT.

Bob, N7XY

On Sun, May 04, 2003 at 01:25:21PM -0400, David Beach wrote:

> I have decided to give myself a treat and spring for a better soldering  
> station. The old workhorse Cooper/Weller WTCPT has been around forever and  
> was my first choice until... I just looked at their line of stations and  
> there is a model WES50 - a station that looks just about the same in size,  
> etc., as the WTCPT but has a knob to adjust temperature (apparently TRUE  
> temp control, not just adjusting the heater wattage like by current  
> soldering iron) for almost the same price. (I would skip the digital display  
> version of this model.)

>

> Anybody have an opinion on this newer model? Does anybody out there actually  
> \*change\* the temperature very often anyway? Does more features/same money  
> turn out to be equal to 'less reliable'?

>

> Thanks for your thoughts.

>

> David

> VE3STI

>

-----  
Date: Sun, 4 May 2003 16:7:54 -0500  
From: "Doc K0EVZ" <dock0evz@earthlink.net>  
To: "qrp-l reflector" <qrp-l@lehigh.edu>,  
"Elecrafft " <elecraft@mailman.qth.net>  
Cc: "doc k0evz earthlink" <dock0evz@earthlink.net>  
Subject: [149948] 20 Metre skeds 5/4/03?  
Message-ID: <41200350421754838@earthlink.net>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII

Gang:

I plan to be on 20 Metres tomorrow (Sunday 5/4/03) afternoon, beginning at 2000Z, for a couple of hours. Look for me between 14.050-14.055, or possibly ~14.061. Here's hoping this will work for everyone.

73,  
--Doc/K0EVZ

-----  
Date: Sun, 4 May 2003 17:10:26 -0400  
From: Rick McKee <kc8aon@juno.com>  
To: qrp-l@Lehigh.EDU  
Subject: [149949] Re: Quirky HW-8 Mods  
Message-ID: <20030504.171031.8918.2.kc8aon@juno.com>

Some of the mods to my HW-8 include dial and meter lamps, higher power final (about 3.5 watts), changed the audio board to an LM386 circuit and added internal speaker and lo impedance 1/8" phone jack, added Stocton type forward / reflected power bridge and meter function switch, changed antenna connector to SO-239, jack added for freq counter output, changed frontend FET to an MPF102, beefed up 40 meter receive, added audio derived S-meter and changed meter to one with S meter readings and relative power output scales. Been thinking of installing my old MFJ-CWF-2 audio filter inside the HW-8, and also thinking of installing a digital frequency display and an internal Tick keyer ! Also, been

thinking of replacing 80 meters with 30 meters !

To calibrate the dial on your HW-8, connect a frequency counter through a 47pf capacitor to the emitter of Q3, then with all band select buttons out and the dial set to zero, adjust C302B (that's the little trimmer cap on the side of the main VFO air variable cap) to 8.895 Mhz. Then tune the dial to 250, and adjust L9 (large metal can behind VFO cap) to 8.645 Mhz. NOTE: I always set the zero side of the dial about 2 Khz high to assure you are still in band with the dial set to zero !

My HW-8 isn't Quirky ! It's Radical !

72/73 de: Rick McKee, KC8AON <> Willow Wood, Ohio <> Grid: EM88rl  
SW 40+, HW-8, Yaesu FT-7, Homebrew 6V6 tube TX & Hallicrafters SW500 RX  
<> RockMite 40 <>  
QRP-L #2112, FPqrp #33, AR QRP #269  
QRP'ers DEPEND ON SKILL - NOT RAW POWER !

-----  
The best thing to hit the internet in years - Juno SpeedBand!  
Surf the web up to FIVE TIMES FASTER!  
Only \$14.95/ month - visit [www.juno.com](http://www.juno.com) to sign up today!

-----  
Date: Sun, 4 May 2003 14:19:48 -0700  
From: "Thomas Kuehl" <ac7a@earthlink.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [149950] FS: Oak Hills QRP Classic  
Message-ID: <000701c31282\$e4b261d0\$0a0110ac@texas6oef4glwm>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Dual-band, 40 & 20 meter QRP (5W) CW transceiver. It is very clean, in like-new condition. Electrical performance is equally good. The clamshell case portion has been carefully repainted a light gray. It nicely matches the white front panel. The receiver has a sturdy front-end, employing a diode DBM mixer. Many similarities to the K2's receiver design. An internal, 5-element BCI filter has been added. The 8044M keyer option is built in.  
\$127.50 + shipping

Thanks, Thomas - AC7A



-----  
Date: Sun, 4 May 2003 17:20:43 -0400  
From: "John J. McDonough" <wb8rcr@arrl.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Cc: "\"Dave G3VGR\"" <dave.g3vgr@ntlworld.com>  
Subject: [149951] Yet Another Panel Update  
Message-ID: <00fc01c31283\$133bae80\$010044c0@chartermi.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

A week or so ago, something really shocking was revealed to me ... there are amateurs out there, builders just like us, who build things using valves (tubes here in the colonies). Even more startling, stuff built with these strange devices tend to be large ... very large. Way too large to stuff in the suitcase for a business trip or to take camping. Nevertheless, there are actually people who do this stuff anyway!

When I wrote Panel, the idea of a panel over a foot long never occurred to me. 8 inches wide by 3 inches high is a BIG panel in my book. But these folks who build these enormous contraptions need panels too. One of them sent me a panel file that didn't work - of course not, it was bigger than the paper!

So, today I posted an update to Panel. The new version (3.2) will adjust the paper size to the panel. In the process of adding this feature, I discovered a bug in how Panel centers the panel on the page, so the new version is a little nicer that way, too.

Also, over the past couple of weeks, I've added a note to my web site to explain a little more about how these command line programs work for Windows users. (Another startling discovery I made recently is that not everyone can remember CP/M. There actually are people out there who haven't been around computers for the past 40 years.)

I've also added a man page to the Linux archive and a PDF version of the man page to the web site.

So, if you are interested in Panel for Windows command line or Linux, mosey on over to:

<http://hfradio.org/wb8rcr>

and click on "Panel (not QSLMaker)" to get to the Dial/Panel page. If you are a Windows user, and haven't used Panel before, please read the "Note for Windows users (PDF format 30K)".

Enjoy

72/73 de WB8RCR      <http://www.qsl.net/wb8rcr>  
didileydadidah      QRP-L #1446 Code Warriors #35

-----  
Date: Sun, 4 May 2003 17:21:58 -0400  
From: "Myrton" <n1gke@cox.net>  
To: <gosier@twcny.rr.com>,  
    "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [149952] Re: WA1WCC ... CAPE COD WCC ....7058 !!!  
Message-ID: <002301c31283\$32881260\$6401a8c0@m>  
MIME-Version: 1.0  
Content-Type: text/plain;  
    charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

Now that is way cool. I was most fortunate to work WCC a couple of times, and what a thrill for this old fart too as it has been a long time since hearing WCC in my cans. If only I had known the Princess was going to be in Providence, Rhode Island.... ..

Cheers and nice going chap.....

----- Original Message -----  
From: "George Osier" <gosier@twcny.rr.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Sunday, May 04, 2003 11:43 AM  
Subject: WA1WCC ... CAPE COD WCC ....7058 !!!

> Hello All !!!!  
>  
> Worked Bob , WA1WCC at Cape Cod station WCC with 700 mw on 7058 khz  
> ..... COOL !!!!!!!  
>  
> 15 Q's in the NEQP so far .....  
>

> 71s  
> George Osier , N2JNZ / QRPP  
>  
>

-----  
Date: Sun, 4 May 2003 17:26:03 -0400  
From: "Myrton" <n1gke@cox.net>  
To: <lejek@erols.com>,  
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [149953] Re: MA all QRPP  
Message-ID: <002f01c31283\$c47fa020\$6401a8c0@m>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I'm a geek, can't help it either.

I listen a lot on 7040 Kc's, like it or not it is Kc's to me.  
When I hear a QRP or QRPP station, I can't help but work them..... What a  
treat ! Good DX and very 73 from Rhode Island.... ..

de n1gke qrx on 7.040 Mc's most of the time.....

Be patient with me please as my c.w. is good from 5 w.p.m. to over 50 w.p.  
m.

Make it happen if you need RI for QRP or QRPP QSL..... ..

Myrton - N1GKE -

n1gke@cox.net

"Find solutions, not fault."

----- Original Message -----  
From: "Larry Cahoon" <lejek@erols.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Sunday, May 04, 2003 10:56 AM  
Subject: MA all QRPP

> This morning I picked up the final county in MA from K1EP in the New  
> England QSO Party to finish of the state all QRPP. Average power to work  
a  
> MA county came in at 300 mWatts. Of all counties in the state that last  
> one was Suffolk County - Boston for those who don't know. Just show the  
> rare ones are the ones you need.  
>  
> Now only 24 to go QRP and 519 to go QRPP...  
>  
> 73 de Larry.....WD3P in MD  
> <http://www.wd3p.net/>  
>  
>  
>

-----  
Date: Sun, 4 May 2003 16:37:19 -0400 (EDT)  
From: "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>  
To: tentec@contesting.com, qrp-l <qrp-l@lehigh.edu>  
Subject: [149954] FS: Ten-Tec 1202 wattmeter, 1251 counterpoise units  
Message-ID: <Pine.LNX.4.44.0305041634020.15692-100000@w3eax.umd.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

TT Model 1202 2m/HF wattmeter  
TT Model 1251 artificial counterpoise

Each sells for \$59 plus shipping new as kits.

Asking \$70 each, plus shipping, OBO.

Each is in near-perfect condition; I built them myself.

Thanks,

Scott N7JI

--

Scott Rosenfeld ARS N7JI  
541-684-9970 Eugene, OR Land o' much rain  
If you find me on the air, I'm probably in my car  
ham@w3eax.umd.edu <http://w3eax.umd.edu/~ham>

-----

Date: Sun, 4 May 2003 15:44:27 -0600 (MDT)  
From: "Karl F. Larsen" <k5di@zianet.com>  
To: qrp-1@lehigh.edu  
Subject: [149955] My Radio  
Message-ID: <Pine.LNX.4.44.0305041517360.10575-100000@bucket.dog>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Just looked and you can still today order a basic FT-817 for \$620.00 from Giga Parts in Alabama. The 500 Hz filter is \$129.00 and you see how good that filter is when you look through it on 20 meters with the waterfall display on Digipan. You can also see that filter become overloaded if you leave the RF Gain wide open and use AGC. I turn down the RF Gain until only the 500 Hz has any signals showing. The remaining 1500 Hz are dark.

I see lots of FT-817's for sale by Hams that I think have never bothered to learn just how capable this radio is. They are not QRP operators for sure. I think they try it out on ssb and some people tell them they are weak and hard to copy, and they are because they are trying to buck propagation. You don't do that QRP.

Others are sure the tuning knob is too small to be useful. Never learned to put an Eberhard Faber Rubclean block of rubber under their radio so it looks up at them. Mine has the shoulder strap on it all the time so if I want to go QRP to the field I'm ready.

I discovered in Fox Hunts you don't want your FT-817 to have AGC. You turn it off. You can do this. It has a RF Gain Control and without any trouble you set the receiver so it's first rate. I was a Fox and it sure helped me copy the weak ones.

We support many foot races and I use the FT-817 as a 2 meter base station. A friend WF5A also does this and he also uses a FT-817 and I learned how very clean and easy to copy he is. We switched to SSB just for fun and found it was no better than FM. Surprising.

I'm so completely happy with the FT-817 that I'm serious about buying another as a spare. They will not last forever.

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

-----

Date: Sun, 4 May 2003 16:53:22 -0400 (EDT)  
From: "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>  
To: qrp-l <qrp-l@lehigh.edu>, <eax@w3eax.umd.edu>,  
Laurel ARC <larc-l@webtrek.com>  
Subject: [149956] FS: Ham Radio Center HK-3M straight key  
Message-ID: <Pine.LNX.4.44.0305041651450.15692-100000@w3eax.umd.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Good condition Ham Radio Center "Ham Key" HK-3M.

...circa 1965 or so...

\$35/offer

Thanks,

Scott N7JI

--

Scott Rosenfeld ARS N7JI  
541-684-9970 Eugene, OR Land o' much rain  
If you find me on the air, I'm probably in my car  
ham@w3eax.umd.edu <http://w3eax.umd.edu/~ham>

-----

Date: Sun, 04 May 2003 15:54:33 -0600  
From: "John A. Evans - N0HJ" <jae@codenet.net>  
To: qrp-l@lehigh.edu  
Subject: [149957] Re: OT: HP Omnibook 800CT/166 total system for sale  
Message-ID: <3EB58C19.E09B9B91@codenet.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I've received several questions on dimensions and specs, so here are the main ones:

Standard features of the OmniBook 800CT 5/166 (F1360A) include:

- Tiny (7.28" x 11.12" x 1.57") and light (3.9 lb.)
- 166 MHz Intel Mobile Pentium Processor with MMX
- 512 KB external L2 cache
- 10.4" TFT SVGA (800x600) display - crisp & bright!
- NeoMagic NM2093 display adapter via PCI bus, 2MB VRAM, MPEG software support,

Zoomed Video enabled

- supports external display at 1024x768x256 at 76 Hz, 800x600x64k at 85 Hz

16MB Standard EDO DRAM, expandable to 80 MB

Pop-out mouse

Advanced Power Management with Instant-On

16-bit Sound Blaster Pro compatible stereo sound system

Input/Output (I/O) ports:

- 9-pin, 115 kbps serial port

- 25-pin EPP/ECP parallel port

- SVGA-out (up to 1024 x 768 x 256)

- 4 Mbps Fast Infrared transceiver

- Docking system connector

- Floppy drive port

- Headphone/stereo-out port

- Stereo-in and microphone ports

- Two Type II PCMCIA slots - or use as one Type III slot, CardBus-ready

-----  
Date: Sun, 4 May 2003 17:13:24 -0500

From: "Doc K0EVZ" <dock0evz@earthlink.net>

To: "qrp-l reflector" <qrp-l@lehigh.edu>,  
"Elecraft " <elecraft@mailman.qth.net>

Cc: "doc k0evz earthlink" <dock0evz@earthlink.net>

Subject: [149958] K0EVZ 20 Metres

Message-ID: <412003504221324388@earthlink.net>

MIME-Version: 1.0

Content-type: text/plain; charset=US-ASCII

Gang:

Well thanks to all who dropped by this afternoon. I finally wound up on 14.060.1 as the other announced frequencies were taken [g]. The first QSO was with SM3CFV, so the band was long. Ended up with 15 QSOes this session.

Will be on the air again 5/5/03,2000Z for at least an hour. After dark locally (~0200Z, 5/6/03) I will be on 30 Metres for a while.

73,

--Doc/K0EVZ

-----  
Date: Sun, 4 May 2003 17:21:21 -0400 (EDT)  
From: "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>  
To: qrp-l <qrp-l@lehigh.edu>, <eax@w3eax.umd.edu>,  
Laurel ARC <larc-l@webtrek.com>  
Subject: [149959] FS: Keyers/keys/paddles  
Message-ID: <Pine.LNX.4.44.0305041654190.15692-100000@w3eax.umd.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Vectronics keyer, \$45  
MFJ-407B deluxe keyer, \$45  
MFJ-422B Bencher w/MFJ keyer, \$110  
MFJ-422BX MFJ keyer for Bencher, \$45  
Ham Radio Center HK-3M, \$35  
Bencher BY-1 (black), \$65  
Bencher BY-2 (chrome), \$77  
MFJ-401 Econo-keyer, \$25

Thanks,

Scott N7JI

--  
Scott Rosenfeld ARS N7JI  
541-684-9970 Eugene, OR Land o' much rain  
If you find me on the air, I'm probably in my car  
ham@w3eax.umd.edu <http://w3eax.umd.edu/~ham>

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End of QRP-L Digest 2910

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